

Express Mail No.: EV463102086US

Date of Deposit: September 27, 2005

Attorney Docket No. 25840-501

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Nguyen et al.

SERIAL NO.: 10/677,977

EXAMINER: Teresa D. Wessendorf

FILING DATE: October 2, 2003

ART UNIT: 1639

FOR: Methods of Generating and Screening for Proteases with Altered Specificity

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application. The order of presentation of the references should not be construed as an indication of the importance of the references.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311. The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

The references indicated on the attached modified Form PTO-1449 are enclosed herewith. It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by

Applicants: Nguyen *et al.*
U.S.S.N.: 10/677,977


35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 25840-501.

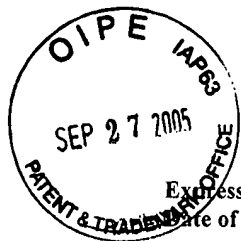
Respectfully submitted,

Dated: September 27, 2005



Ivor R. Elrifi, Reg. No. 39,529
Naomi S. Biswas, Reg. No. 38,384
Gregory J. Sieczkiewicz, Reg No. 48,223
Attorneys for Applicants
c/o MINTZ, LEVIN, COHN, FERRIS,
GLOVSKY AND POPEO, P.C.
Tel: (617) 542-6000
Fax: (617) 542-2241
Customer number 30623

TRA 2077310v.1



Express Mail No.: EV 463102086US
Date of Deposit: September 27, 2005

Page 1 of 1
Attorney Docket No.: 25840-501

Please type a plus sign (+) in this box



PTO/SB (12-97)
Approved for use through 9/30/00. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/677,977
	Filing Date	October 2, 2003
	First Named Inventor	Jack Nguyen
	Group Art Unit	1639
	Examiner Name	Teresa D. Wessendorf
	Attorney Docket Number	25840-501

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	6,630,138	10/7/03	Gerlitz <i>et al.</i>	424	94.64	7/22/02
	A2	6,319,713	11/20/01	Patten <i>et al.</i>	435	440	6/25/99

U.S. PUBLISHED APPLICATION DOCUMENTS

Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	B1	2003/0068792	4/10/03	Chen <i>et al.</i>	435	183	12/13/01

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	C1	WO 0159084	Eli Lilly and Co.	8/16/01	X

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	D1	Berg <i>et al.</i> , Engineering the proteolytic specificity of activated protein C improves its pharmacological properties. PNAS 100(8): 4423-4428 (15 Apr. 2003).
	D2	Harris and Craik, Engineering enzyme specificity. Curr. Op. Chem. Biol. 2: 127-132 (1998).
	D3	Stubbs and Bode, Coagulation factors and their inhibitors. Curr. Op. Struct. Biol. 4: 823-832 (1994).
	D4	Perona and Craik, Evolutionary divergence of substrate specificity within the chymotrypsin-like serine protease fold. J. Biol. Chem. 272(48): 29987-29990 (28 Nov. 1997).
	D5	Perona and Craik, Structural basis of substrate specificity in the serine proteases. Protein Sci. 4:337-360 (1995).
	D6	Kraut, How do enzymes work? Science 242: 533-540 (28 Oct. 1988).

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

TRA 2075821v1